



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
1919 M STREET N.W.  
WASHINGTON, D.C. 20554

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DA 96-586  
April 15, 1996

**FCC ANNOUNCES WINNING BIDDERS IN THE AUCTION OF  
1,020 LICENSES TO PROVIDE 900 MHz SMR IN MAJOR TRADING AREAS:  
Down Payments Due April 22, 1996,  
FCC Form 600s Due April 29, 1996**

On April 15, 1996, the Federal Communications Commission completed its auction of 1,020 Major Trading Area (MTA) licenses to provide Specialized Mobile Radio Service in the 896-901 MHz and 935-940 MHz bands (900 MHz SMR), raising a net total of \$204,267,144.<sup>1</sup> The winning bidders and the licenses associated with each winning bidder are listed in Attachment A. This Public Notice provides details for winning bidders concerning down payments, FCC Form 600 filing requirements, withdrawal payments, waivers, final payments and licensing matters.

## Down Payments

Each winning bidder must submit to Mellon Bank sufficient funds to bring its total deposits with the government to **TWENTY (20) PERCENT** of the sum of its winning bids by April 22, 1996. Winning bidders who qualify as small businesses under either the \$3 million or \$15 million gross revenue definitions are eligible for a reduced down payment. Small business winning bidders must submit additional funds to bring their total deposits with the government to **FIVE (5) PERCENT** of the sum of their winning bids less any bidding credits by April 22, 1996.

**All payments must be made in U.S. dollars, must be in the form of a wire transfer or cashier's check, and must be made payable to the "Federal Communications Commission" or "FCC."** Cashier's checks must be drawn on a financial institution whose deposits are insured

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Atlanta Trunking Associates filed a waiver request of a withdrawal payment associated with a bid on MTA 18, Block P on December 18, 1995. Because Atlanta Trunking Associates' waiver request is currently pending, this net figure excludes its withdrawal payment.

by the Federal Deposit Insurance Corporation (FDIC). Payments by cashier's check must be received by **11:59 p.m. Eastern Time, April 22, 1996**. Cashier's checks must be addressed to:

**Mellon Bank**  
**Attention: Auction No. 7**  
**P.O. Box 358850**  
**Pittsburgh, PA 15251-5850**

If delivering an auction payment in person or by courier, the cashier's check and FCC Remittance Advice Form (FCC Form 159) must be delivered to:

**Mellon Bank**  
**Attention: Wholesale Lockbox Shift Supervisor**  
**27th Floor (153-2713)**  
**3 Mellon Bank Center**  
**525 William Penn Way**  
**Pittsburgh, PA 15259-0001**  
**(Note: Please indicate on the inside envelope "Lockbox No. 358850.")**

Payments made by wire transfer must be received by **3 p.m. Eastern Time, April 22, 1996**. Bidders making payments by wire transfer should allow sufficient time for the wire transfer to be initiated and for the transmission to be completed prior to the deadline. **No personal checks or other forms of payment will be accepted.** Down payments must be accompanied by a completed FCC Remittance Advice Form (FCC Form 159). **ON THE FCC FORM 159, BIDDERS MUST USE THE SAME FCC ACCOUNT NUMBER ASSOCIATED WITH THEIR FCC FORM 175.**

Bidders making payments by wire transfer must fax a completed FCC Form 159 to Mellon Bank at (412) 236-5702 at least one hour prior to placing the order for the wire transfer (but on the same business day). To submit funds by wire transfer, bidders will need the following information for the FCC Form 159:

**ABA Routing Number: 043000261**  
**Receiving Bank: Mellon Pittsburgh**  
**BNF: FCC/AC-9116106**  
**OBI Field: (Skip one space between each information item)**  
**"AUCTIONPAY"**  
**FCC ACCOUNT NO. (SAME AS FCC FORM 159, BLOCK 1)**  
**PAYMENT TYPE CODE AWSD**  
**FCC CODE (SAME AS FCC FORM 159, BLOCK 17)**  
**PAYOR NAME (SAME AS FCC FORM 159, BLOCK 3)**  
**LOCKBOX NO. 358850**

Winning bidders must specify each license for which it was a high bidder as a separate item on FCC Form 159 (use continuation sheet (FCC 159-C) if necessary). Bidders must place a "7" as the auction event number in Block 17 of the FCC Form 159. **BIDDERS MUST INCLUDE THE "License No." DESIGNATION(S) FOR EACH LICENSE (WHICH IS INCLUDED IN THE ATTACHMENT A HERETO) IN BLOCK 18 OF FCC FORM 159.** For the "License No." designation in Block 18 of FCC Form 159, winning bidders should list the "License No." as it appears in Attachment C of the Bidder Information Package, e.g. YSMO51A. Winning bidders for multiple licenses must calculate the down payment applicable to each license separately by applying a portion of its upfront payment to each of the licenses prorated on the basis of the amount of each winning bid relative to the sum of its winning bids.<sup>2</sup> Any upfront payment money in excess of the required down payment, after taking into account withdrawal payments (see discussion below), will be refunded. Additional instructions and addresses for making auction payments are contained in the FCC Forms and Instructions section of the Bidder Information Package for this auction. Questions concerning the calculation and submission of down payments should be directed to Regina Dorsey or William Koch of the Billings and Collections Branch, at (202) 418-1995.

The following are a few simple examples of how the down payment is calculated:

Example 1

Upfront Payment Amount \$10,000  
Withdrawal Payment Amount \$0  
Amount of Upfront to be Counted Towards Down Payment \$10,000  
Status Non-Small Business

	High Bid Amount	Down Payment Amount	Pro Rata % of Down Payment	Amount from Upfront Payment	Balance Due
Lic. A	\$20,000	\$4,000	25%	\$2,500	\$1,500
Lic. B	\$60,000	\$12,000	75%	\$7,500	\$4,500
(100%)					

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In the event that a bidder has withdrawn a bid(s) and is subject to a bid withdrawal payment(s), the bidder's upfront payment will be applied to satisfy the payment(s) before being applied toward its down payment.

Example 2

Upfront Payment Amount \$5,000

Withdrawal Payment Amount \$0

Amount of Upfront to be Counted Towards Down Payment \$5,000

Small Business Status Small business under the \$15 million definition

	High Bid Amount	Net High Bid Amt	Down Payment Amount	Pro Rata % of Down Payment	Amt from Upfront Payment	Balance Due
Lic. A	\$80,000	\$72,000	\$3,600	25%	\$1,250	\$2,350
Lic. B	\$100,000	\$90,000	\$4,500	75%	\$3,750	\$750
(100%)						

Example 3

Upfront Payment Amount \$50,000

Withdrawal Payment Amount \$5,000

Amount of Upfront to be Counted Towards Down Payment \$45,000

Status Non-Small Business

	High Bid Amount	Down Payment AImount	Pro Rata % of Down Payment	Amount from Upfront Payment	Balance Due
Lic. A	\$113,000	\$22,600	36%	\$16,200	\$6,400
Lic. B	\$95,000	\$19,000	31%	\$13,950	\$5,050
Lic. C	\$103,000	\$20,600	33%	\$14,850	\$5,750
(100%)					

Winning bidders who do not submit the required down payment by the specified deadline will be considered in default, and the Commission will determine whether the license in question will be offered to the second highest bidder or re-auctioned. In addition, defaulting winning bidders are subject to additional penalties for default. Specifically, an entity in default will be assessed a penalty equal to the difference between its winning bid and the winning bid the next time the license is offered by the Commission. An additional penalty equal to three percent of the lesser of the subsequent winning bid or the defaulting bidder's winning bid will also be assessed. See Section 90.805 of the Commission's Rules, 47 C.F.R. § 90.805.

## Bidders Owing Withdrawal Payments

To prevent insincere bidding, the Commission adopted bid withdrawal payments for bidders who withdrew bids during the course of an auction. See *Competitive Bidding Second Report and Order*, 9 FCC Rcd 2348 (1994); see also 47 C.F.R. § 90.805. We will calculate the bid withdrawal payment as: either (1) the difference between the net withdrawn bid and the subsequent net winning bid, or (2) the difference between the gross withdrawn bid and the subsequent gross winning bid for that license, whichever is less. A list of winning bidders who owe withdrawal payments and the amounts due appear in Attachment B. **Any withdrawal payments due will be subtracted from the winning bidders' upfront payments on deposit.** If a winning bidder's upfront payment amount is insufficient to cover the withdrawal payment due, the winning bidder will be expected to deposit the difference due, in addition to the down payment discussed above, with Mellon Bank by the down payment deadline. If the upfront payment is larger than the withdrawal payment, any excess upfront payment funds will be credited toward the down payment. If the amount of the payment cannot yet be determined, the bidder will be required to make a deposit of 20 percent of the amount bid on such licenses. When it becomes possible to calculate and assess the penalty, any excess deposit will be refunded. If a winning bidder has a pending waiver request asking for relief from a bid withdrawal payment such that its withdrawal payment would exceed the amount of its upfront payment, no withdrawal payment will be required at the down payment deadline. However, the Commission will hold those winning bidders' upfront payments until their waiver requests are resolved and will not apply any upfront payments toward the required down payment. We will take action on all bid withdrawal waiver requests prior to licensing.

## Waivers

In the event a winning bidder requests waivers, the requestor must submit a written waiver request along with the FCC Form 159, and a fee of \$125.00 per license, per rule waiver request. The request must specify each rule for which a waiver is requested. If the applicant seeks waiver of more than one rule, a separate \$125 fee must be paid for each rule that is subject to a waiver request. If the applicant seeks waiver for more than one license, a separate \$125 fee must be paid for each license. For example, if a winning bidder filed a waiver of a service rule for one hundred licenses, that bidder would have to submit a fee of \$12,500 (\$125 x 100 licenses). If a winning bidder requested a waiver of 5 service rules for 5 licenses, that bidder would have to submit a fee of \$3,125 (\$125 x 25 (5 x 5)). This fee may be paid either by check (drawn on a U.S. financial institution), money order, or credit card. The payment type code to be used is "PDWM," and should be filed in the following lockbox with Mellon Bank:

Federal Communications Commission  
Waiver Requests  
P.O. Box 358300  
Pittsburgh, PA 15251-5300

Winning bidders filing their FCC Form 600 electronically must submit waiver requests in the "Waivers" section of the Electronic Filing Software. Winning bidders filing their FCC Form 600 manually must attach a copy of the waiver request to their FCC Form 600.

#### **Anti-Collusion Rules**

To insure the integrity of its auctions, the Commission's anti-collusion rules generally prohibit bidders for the same 900 MHz SMR MTA licenses from discussing bids or bidding strategies during the course of the auction, unless such bidders disclosed a bidding agreement on the FCC Form 175. *See 47 C.F.R. § 1.2105(c).* The prohibition began when short-form applications to participate in the auction were filed, and end when the winning bidders submit their down payments. For small business winning bidders eligible for reduced down payments, the prohibition ends when they satisfy the initial five percent reduced down payment.

#### **FCC Form 600**

Applicants who submitted winning bids for 900 MHz SMR MTA licenses are required to file a long-form application (FCC Form 600) by 5:30 P.M. (Eastern Time) on April 29, 1996 for each license upon which it was a high bidder. The winning bidders and the licenses associated with each winning bidder are listed in Attachment A. This Public Notice constitutes official notification to winning bidders under Sections 1.2107 and 90.808 of the Commission's Rules, 47 C.F.R. §§ 1.2107 and 90.808, for purposes of triggering the 10 business day filing period for the FCC Form 600. Winning bidders may file the FCC Form 600 either manually or by electronic transmission. Detailed instructions for electronic and manual filers are included in Attachments C and D. Winning bidders must complete the FCC Form 600 Main Form, Schedule D and any exhibits required by Commission Rules.

An applicant who fails to submit the required long-form application by April 29, 1996, and fails to establish good cause for any late-filed submissions, shall be deemed to have defaulted and will be subject to the penalties set forth in Section 1.2104 and 90.805 of the Commission's Rules. *See 47 C.F.R. § 1.2107(c).*

Required proprietary information may be redacted, or confidentiality may be sought pursuant to Section 0.459 of the Commission's Rules, 47 C.F.R. § 0.459. Any such requests must be submitted manually, even if the winning bidder chooses to file electronically. If filing electronically, the winning bidder must indicate in an electronic exhibit that it has a confidentiality request on file. Requests to keep required application information confidential will be subject to strict review under our rules and will not be routinely granted.

## FCC 600 MAIN FORM AND SCHEDULE D INSTRUCTIONS

Winning bidders completing the FCC Form 600 Main Form and Schedule D are urged to review carefully all instructions contained on the form. The following are several items of special note:

1. The two letter radio service code (Item 26 on the main form and at the top of schedule D) for 900 MHz SMR applicants is "YS".
2. Item 27 on the FCC Form 600 Main Form, "Type of operation code," is not applicable to Part 90 radio services like SMR and should be left blank.
3. Only the following items on Schedule D need to be completed:
  - Licensee Name (manual filing only)
  - Radio Service (manual filing only)
  - Item D1 (Purpose - Check "N")
  - Item D10 (Market Area - See Note 4 below)
4. Please make note that proper entry of the "Market Area/ Number " (Item D10 on Schedule D) is critical to the processing of the application. Winning bidders should present the market area/number as a four position field, the first three positions being numeric and reflecting the market area and the fourth being a letter A through T identifying the frequency block. The leading "M" in the market/area code should be eliminated in item D10.

Examples:

If you won license number YSM003F for Chicago, enter the market area as 003F

If you won license number YSM016D for Cleveland, enter the market area as 016D

Failure to properly enter this code is a major defect in the application.

## ORGANIZATION OF EXHIBITS FOR FCC FORM 600

### *Main Form Exhibits*

Any exhibits to be attached to an application as a result of an answer to a question on the FCC Form 600 Main Form should be identified as specified in the instructions to the FCC Form 600. Applicants filing the FCC Form 600 electronically should identify exhibits by labeling them as specified below in the Description Field on the Attachments screen.

## ***Rule-related Exhibits***

Any exhibits to be attached to an application as a result of our rule requirements should follow any FCC Form 600 Main Form or Schedule D-related exhibits mentioned above. Please order and identify any exhibits to be attached to an application as a result of our rule requirements as indicated below.

### **I. Applicant Identity and Ownership Information.**

#### *Background*

Under Section 90.123 of the Commission's Rules, each application shall contain full and complete disclosures with regard to the real party or parties in interest and as to all matters required to be disclosed by the application forms. In addition, Section 90.815 requires small business applicants to submit additional ownership and gross revenues information.

#### **Ownership Exhibit A**

First, attach and label as **Ownership Exhibit A**, a document or series of documents that lists the name, address and citizenship of all corporate officers or directors of the corporation (e.g., CEO/President, Secretary and Treasurer) or all of the partners in a partnership.

#### **Ownership Exhibit B**

If applicants applied as small businesses, they must submit detailed ownership and gross revenues information. Attach and label as **Ownership Exhibit B**, a document or series of documents that identifies persons or entities that *directly* or *indirectly* hold a twenty percent or more interest in the applicant. In calculating the percentage of *indirect* ownership be sure to use a multiplier. See 47 C.F.R. § 90.814(g)(1). For each twenty percent interest holder listed, applicants should provide the following information:

**Item (1) Name and address:** Identify the name and address of the interest holder in the applicant. If the interest holder is an individual, provide the name and address of that person, and indicate whether the interest holder is a partner, officer, director, or key manager (e.g., CEO, General Manager) of the applicant. If the interest holder is a corporation, provide the name and address of the corporate office and the name and title of an officer, director or authorized contact. If the interest holder is a partnership, provide the name and address of all partners, or the name, title and address of an authorized contact for the partnership.

**Item (2) Relationship to Other Interest Holder:** Indicate whether the interest holder is related to any other twenty percent interest holder by blood or marriage, and provide the name of the related interest holder.

*Item (3) Citizenship:* Indicate whether the interest holder is a U.S. citizen or U.S. corporation. If the interest holder is a partnership, indicate whether each partner is a U.S. citizen. Applicants should list all foreign partners regardless of whether they are general or limited partners, except that applicants need not list a limited partner: (1) whose level of ownership in the licensee does not exceed the level allowed by Section 310(b); and (2) who is "insulated" from the management and control of the partnership. See *Wilner and Scheiner*, 103 FCC 2d 511 (1985), *recon. granted in part*, 1 FCC Rcd 12 (1986); *First Report and Order* in GN Docket No. 93-252, 9 FCC Rcd 1056, 59 Fed. Reg. 1,285 (Jan. 10, 1994) at ¶ 9 and n. 13. See also *Memorandum Opinion and Order*, GN Docket No. 90-314, FCC 95-92, 10 FCC Rcd 7893 (1995), 60 Fed. Reg. 13,915 (March 15, 1995) at ¶ 11. Also, if an interest holder is an alien, check your response to Items 29-33 on the FCC Form 600 Main Form. The level of alien ownership in an applicant can trigger the need to attach a separate exhibit explaining the nature and extent of alien or foreign ownership. See 47 U.S.C. § 310(b)(3)-(4). If such an exhibit is needed, attach as part of the FCC Form 600 Main Form exhibits, and as indicated in the instructions to the FCC Form 600.

*Item (4) Type of Interest Held:* Indicate whether the interest held is in the form of stocks, bonds, warrants, partnership, etc. If interests are held in stock, specify the class of stock and any voting rights associated with the stock. If the interests are held in a partnership, indicate whether the interests are limited or general partnership interests.

*Item (5) Amount Held:* Specify the amount held (e.g., number of shares of stock) for each type of interest specified.

*Item (6) Percentage Held:* Specify the percentage interest held in the applicant based on any combined holdings.

*Item (7) Held on Behalf of:* If an interest is held in trust, or on behalf of another person or entity, identify the party for whom the interest is held.

In addition, for indirect interest holders create an *Item (9)* category -- *Intervening Interests* -- as further explained below.

*Item (8) Intervening Interests:* Indirect interests also can be held through intervening corporations and other entities. For each *indirect* interest holder, specify the intervening corporations or other entities from which the *indirect* twenty percent interest in the applicant is derived.

## Ownership Exhibit C

If applicants applied as small businesses, attach and label as **Ownership Exhibit C**, a document or series of documents that identifies all affiliates of the applicant. An individual or entity is an affiliate of an applicant or of a person holding an attributable interest in an applicant if such individual or entity: (1) directly or indirectly controls or has the power to

control the applicant, (2) is directly or indirectly controlled by the applicant, or (3) is directly or indirectly controlled by a third party or parties that also controls or has the power to control the applicant, or (4) has an "identity of interest" with the applicant, e.g. spouse, kinship, stock ownership. *See* 47 C.F.R. § 90.814(h). For each person or entity listed, provide the same information listed in *Items (1)-(8)* above as is requested for *direct* and *indirect* interests.

#### **Ownership Exhibit D**

If applicants applied as small businesses, attach and label as **Ownership Exhibit D**, a list and summary of all agreements or other instruments that support an applicant's eligibility as a small business, including the establishment of *de facto* and *de jure* control; such agreements and instruments include articles of incorporation and bylaws, partnership agreements, shareholder agreements, voting or other trust agreements, franchise agreements, and any other relevant agreements. Also list and summarize any investor protection agreements, including rights of first refusal, supermajority clauses, options, veto rights, and rights to hire and fire employees and to appoint members to boards of directors, or management committees. *See* 47 C.F.R. § 90.815(b).

#### **II. Gross Revenue Information**

##### **Gross Revenue Exhibit E**

All applicants claiming status as a small business must provide gross revenue information.<sup>3</sup> First indicate on **Gross Revenue Exhibit E** whether the applicant falls under the \$3 million or \$15 million definition. Then list the name(s) of all individuals and entities listed in **Ownership Exhibits B-C**, those entities' gross revenues for the preceding three years, and an average of those numbers. Therefore, for each applicant, affiliate, and investor with attributable interests, there should be a total of four figures - gross revenues for years 1-3 and an average of those three figures. The aggregate of the applicant's, affiliates' and investors' average gross revenues must not be more than \$3 million or \$15 million.

#### **III. Joint Venture Agreements/Bidding Consortia.**

##### **Agreements Exhibit F**

Attach and label as **Agreements Exhibit F**, a detailed explanation of the terms and conditions and parties involved in any bidding consortia, joint venture, partnerships or other agreement or arrangement into which the applicant has entered relating to the competitive bidding process prior to the time the bidding was completed. Such agreements must have

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Gross revenues must be evidenced by audited financial statements. These audited financial statements must be retained by the bidder and are subject to audits by the Commission. *See* 47 C.F.R. §§ 90.814 and 90.815. Audited financial statements need not be attached to the FCC Form 600.

been entered into prior to the filing of the short form applications pursuant to Section 1.2105, 47 C.F.R. § 1.2105. *See also* 47 C.F.R. § 1.2107(d). To comply with this requirement, applicants can either submit the agreements themselves, or can submit a detailed description of those agreements with proprietary information excluded.

#### **IV. Divestiture Plans.**

##### **Divestiture Exhibit G**

If an applicant is unable to certify to compliance with the CMRS spectrum aggregation limit (47 C.F.R. § 20.6), attach and label as **Divestiture Exhibit G**, a signed statement that describes the applicant's efforts to date and future plans to come into compliance with the rules through divestiture of prohibited properties. *See* 47 C.F.R. §§ 20.6(e)-(f). The statement must indicate that sufficient properties will be divested within 90 days of license grant to meet our requirements. If divestiture is required, the Commission will condition grant of the application on the licensee coming into compliance with our requirements.

##### **Petitions to Deny**

Once FCC Form 600s are filed, the Commission will review the applications and issue a Public Notice announcing that those applications have been accepted for filing. This Public Notice will trigger the 30-day filing window for petitions to deny. All petitions to deny must comply with 47 C.F.R. § 1.52.

##### **Final Payment and Licensing Matters**

After resolving any petitions to deny, and if the Commission is otherwise satisfied that the applicant is qualified, the Commission will issue a Public Notice announcing its readiness to issue the MTA licenses, assuming that the applicant (except for small businesses making quarterly installment payments) makes full payment of its winning bid amount. *See* 47 C.F.R. §§ 90.807, 90.808 and 90.812(a). Applicants must submit the balance due on the license(s) within five business days after release of the Public Notice, unless the applicant is entitled to reduced down payments and installment payments pursuant to Section 90.811 and 90.812 of the Commission's Rules. Small business applicants eligible for reduced down payments must bring the total amount on deposit with the Commission (including upfront payments and initial down payment) up to ten percent of their net winning bid(s) within five (5) business days of the Public Notice. Small business applicants then pay the remainder of the amount due on their licenses in quarterly installment payments. *See* 47 C.F.R. § 90.812. Small

business applicants will receive an installment payment plan schedule listing payment amounts and the dates due shortly after receiving their licenses. The Commission generally will grant licenses within 10 business days after the receipt of the remaining balance due (or the required down payment for licensees paying in installments) on the license. Licensees will receive their MTA licenses through the mail.

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For further information, contact:

News Media: Kara Palamaras at (202) 418-0654

Office of Managing Director: Regina Dorsey at (202) 418-1995

Wireless Telecommunications Bureau, Auctions: Diane Law or Wendy Chow at  
(202) 418-0660

Wireless Telecommunications Bureau, Commercial Wireless: Michael Hamra at  
(202) 418-0620

## Attachment A

## 900 MHz SMR - Winning Bids

Bus (k)	MTA	Block	Market Name	High Bidder	Small Bus			
					Ref.	Round	High Bid (\$)	Net Bid (\$)
138	49 A	Alaska	CLEVELAND MOBILE RADIO SALES, INC.	S	50	9,000	8,100	
138	49 B	Alaska	Paging Network of America, Inc.		26	5,500	6,500	
138	49 C	Alaska	CLEVELAND MOBILE RADIO SALES, INC.	S	32	9,000	8,100	
138	49 D	Alaska	Fleet Talk, Inc.		76	12,000	12,000	
138	49 E	Alaska	Paging Network of America, Inc.		17	4,500	4,500	
138	49 F	Alaska	CLEVELAND MOBILE RADIO SALES, INC.	S	44	9,000	8,100	
138	49 G	Alaska	CLEVELAND MOBILE RADIO SALES, INC	S	48	9,000	8,100	
138	49 H	Alaska	CLEVELAND MOBILE RADIO SALES, INC.	S	46	9,000	8,100	
138	49 I	Alaska	CLEVELAND MOBILE RADIO SALES, INC.	S	53	9,000	8,100	
138	49 J	Alaska	CLEVELAND MOBILE RADIO SALES, INC.	S	40	9,000	8,100	
138	49 K	Alaska	CLEVELAND MOBILE RADIO SALES, INC.	S	84	11,000	9,900	
138	49 L	Alaska	CLEVELAND MOBILE RADIO SALES, INC.	S	51	9,000	8,100	
138	49 M	Alaska	CLEVELAND MOBILE RADIO SALES, INC.	S	58	9,000	8,100	
138	49 N	Alaska	FCI 900, Inc.		82	10,050	10,050	
138	49 O	Alaska	RAM Mobile Data USA Limited Partnership		61	8,900	8,900	
138	49 P	Alaska	FCI 900, Inc.		74	8,931	8,931	
138	49 Q	Alaska	FCI 900, Inc.		94	8,924	8,924	
138	49 R	Alaska	Fleet Talk, Inc.		30	7,500	7,500	
138	49 S	Alaska	FCI 900, Inc.		71	12,054	12,054	
138	49 T	Alaska	FCI 900, Inc.		70	8,936	8,936	
12	51 A	Amer Samoa	PCS NATIONAL WIRELESS, INC.		94	601	601	
12	51 B	Amer Samoa	PCS NATIONAL WIRELESS, INC.		94	601	601	
12	51 C	Amer Samoa	PCS NATIONAL WIRELESS, INC.		92	501	501	
12	51 D	Amer Samoa	PCS NATIONAL WIRELESS, INC.		95	601	601	
12	51 E	Amer Samoa	PCS NATIONAL WIRELESS, INC.		95	601	601	
12	51 F	Amer Samoa	PCS NATIONAL WIRELESS, INC.		102	601	601	
12	51 G	Amer Samoa	PCS NATIONAL WIRELESS, INC.		103	601	601	
12	51 H	Amer Samoa	PCS NATIONAL WIRELESS, INC.		90	501	501	
12	51 I	Amer Samoa	PCS NATIONAL WIRELESS, INC.		90	501	501	
12	51 J	Amer Samoa	PCS NATIONAL WIRELESS, INC.		105	501	501	
12	51 K	Amer Samoa	PCS NATIONAL WIRELESS, INC.		97	601	601	
12	51 L	Amer Samoa	PCS NATIONAL WIRELESS, INC.		97	601	601	
12	51 M	Amer Samoa	PCS NATIONAL WIRELESS, INC.		100	601	601	
12	51 N	Amer Samoa	PCS NATIONAL WIRELESS, INC.		100	601	601	
12	51 O	Amer Samoa	PCS NATIONAL WIRELESS, INC.		104	601	601	
12	51 P	Amer Samoa	PCS NATIONAL WIRELESS, INC.		104	601	601	
12	51 Q	Amer Samoa	PCS NATIONAL WIRELESS, INC.		108	701	701	
12	51 R	Amer Samoa	PCS NATIONAL WIRELESS, INC.		108	701	701	
12	51 S	Amer Samoa	PCS NATIONAL WIRELESS, INC.		108	701	701	
12	51 T	Amer Samoa	PCS NATIONAL WIRELESS, INC.		108	701	701	
1,732	11 A	Atlanta	COMMNET COMMUNICATIONS NETWORK, INC.	V	67	580,000	476,000	
707	11 B	Atlanta	Paging Network of America, Inc.		49	225,000	225,000	
1,117	11 C	Atlanta	Fleet Talk, Inc.		89	258,000	258,000	
1,361	11 D	Atlanta	Fleet Talk, Inc.		89	446,000	446,000	
1,120	11 E	Atlanta	Paging Network of America, Inc.		17	150,000	150,000	
1,208	11 F	Atlanta	FCI 900, Inc.		88	149,745	149,745	
1,016	11 G	Atlanta	Motorola SMR, INC.		94	150,000	150,000	
976	11 H	Atlanta	TE-MCG Consortium	S	67	450,000	405,000	
1,451	11 I	Atlanta	Geotek Communications, Inc.		92	190,000	190,000	
1,116	11 J	Atlanta	Geotek Communications, Inc.		93	152,000	152,000	
1,075	11 K	Atlanta	METRO NET 900	V	79	451,000	383,350	
1,209	11 L	Atlanta	TE-MCG Consortium	S	73	450,000	405,000	
933	11 M	Atlanta	Geotek Communications, Inc.		3	40,000	40,000	
1,120	11 N	Atlanta	Paging Network of America, Inc.		58	530,000	530,000	
749	11 O	Atlanta	Geotek Communications, Inc.		3	40,000	40,000	
1,117	11 P	Atlanta	Paging Network of America, Inc.		51	531,000	531,000	
1,116	11 Q	Atlanta	FCI 900, Inc.		108	584,458	584,458	
675	11 R	Atlanta	RAM Mobile Data USA Limited Partnership		1	1,000	1,000	
1,738	11 S	Atlanta	SG Communications, Inc.	S	75	1,200,000	1,080,000	
1,117	11 T	Atlanta	Advanced Radio Communication Services of Florida,	S	78	458,198	409,679	
611	29 A	Birmingham	Moive Communications, Inc.	S	82	83,000	74,700	
810	29 B	Birmingham	Paging Network of America, Inc.		117	145,000	145,000	
811	29 C	Birmingham	Centennial Communications, Corp	V	87	92,000	78,200	
611	29 D	Birmingham	Fleet Talk, Inc.		34	95,000	95,000	
611	29 E	Birmingham	Paging Network of America, Inc.		30	80,000	80,000	
515	29 F	Birmingham	RAM Mobile Data USA Limited Partnership		82	90,000	90,000	
610	29 G	Birmingham	Geotek Communications, Inc.		43	79,000	79,000	
610	29 H	Birmingham	Geotek Communications, Inc.		53	87,000	87,000	
811	29 I	Birmingham	Geotek Communications, Inc.		93	94,000	94,000	
811	29 J	Birmingham	Geotek Communications, Inc.		88	90,000	90,000	
811	29 K	Birmingham	METRO NET 900	V	37	84,000	71,400	
811	29 L	Birmingham	HINDS & CAMPBELL PROPERTIES	S	84	95,111	85,600	
610	29 M	Birmingham	Advanced Communication Solutions, Inc.	S	30	68,508	59,856	
811	29 N	Birmingham	FCI 900, Inc.		88	97,320	97,320	
810	29 O	Birmingham	HINDS & CAMPBELL PROPERTIES	S	32	72,998	68,668	
811	29 P	Birmingham	FCI 900, Inc.		57	84,338	84,338	
811	29 Q	Birmingham	FCI 900, Inc.		41	84,338	84,338	
811	29 R	Birmingham	HINDS & CAMPBELL PROPERTIES	S	24	74,556	67,100	
811	29 S	Birmingham	FCI 900, Inc.		65	84,454	84,454	
811	29 T	Birmingham	Centennial Communications, Corp	V	65	89,000	75,650	
728	8 A	Boston	Industrial Communications & Electronics, Inc.	S	42	45,000	40,500	
888	8 B	Boston	Paging Network of America, Inc.		97	150,000	150,000	
901	8 C	Boston	Industrial Communications & Electronics, Inc.	S	52	73,000	65,700	
1,220	8 D	Boston	Motorola SMR, INC.		108	232,000	232,000	
1,200	8 E	Boston	Paging Network of America, Inc.		3	90,000	90,000	
742	8 F	Boston	Geotek Communications, Inc.		58	65,000	65,000	
1,401	8 G	Boston	Industrial Communications & Electronics, Inc.	S	38	419,000	377,100	
562	8 H	Boston	Geotek Communications, Inc.		3	50,000	50,000	









## 900 MHz SMR - Winning Bids

BUS (k)	MTA	Block	Market Name	High Bidder	Small Bus. Pref	Round	High Bid (\$)	Net Bid (\$)
430	44 A	Knoxville	Geotek Communications, Inc.			79	39,000	39,000
430	44 B	Knoxville	Paging Network of America, Inc.			117	85,000	85,000
430	44 C	Knoxville	RAM Mobile Data USA Limited Partnership			94	38,000	38,000
430	44 D	Knoxville	Fleet Talk, Inc.			88	40,000	40,000
430	44 E	Knoxville	Paging Network of America, Inc.			72	40,000	40,000
134	44 F	Knoxville	RAM Mobile Data USA Limited Partnership			60	14,000	14,000
272	44 G	Knoxville	Geotek Communications, Inc.			59	17,000	17,000
272	44 H	Knoxville	Moms Communications, Inc.	S	74	21,000	18,900	
430	44 I	Knoxville	Geotek Communications, Inc.			72	37,000	37,000
430	44 J	Knoxville	FCI 900, Inc.			86	40,132	40,132
430	44 K	Knoxville	ATLANTA TRUNKING ASSOCIATES, INC.	V	93	42,000	35,700	
430	44 L	Knoxville	FCI 900, Inc.			95	40,100	40,100
272	44 M	Knoxville	Moms Communications, Inc.	S	105	21,000	18,900	
430	44 N	Knoxville	Moms Communications, Inc.	S	106	40,000	38,000	
272	44 O	Knoxville	Geotek Communications, Inc.			77	18,000	18,000
430	44 P	Knoxville	FCI 900, Inc.			63	38,188	38,188
430	44 Q	Knoxville	Centennial Communications, Corp	V	89	40,100	34,093	
430	44 R	Knoxville	Moms Communications, Inc.	S	91	38,000	34,200	
430	44 S	Knoxville	FCI 900, Inc.			48	37,215	37,215
430	44 T	Knoxville	Centennial Communications, Corp	V	89	40,100	34,093	
513	40 A	Little Rock	Geotek Communications, Inc.			88	20,000	20,000
513	40 B	Little Rock	Paging Network of America, Inc.			2	15,000	15,000
513	40 C	Little Rock	FCI 900, Inc.			20	9,144	9,144
513	40 D	Little Rock	Fleet Talk, Inc.			38	26,000	26,000
513	40 E	Little Rock	Paging Network of America, Inc.			17	10,000	10,000
382	40 F	Little Rock	RAM Mobile Data USA Limited Partnership			2	8,700	8,700
513	40 G	Little Rock	Geotek Communications, Inc.			1	1,500	1,500
354	40 H	Little Rock	Geotek Communications, Inc.			39	11,000	11,000
513	40 I	Little Rock	Centennial Communications, Corp	V	85	18,688	15,888	
513	40 J	Little Rock	Majestic Communications, Inc.	S	9	23,000	20,700	
513	40 K	Little Rock	Majestic Communications, Inc.	S	9	23,000	20,700	
513	40 L	Little Rock	Centennial Communications, Corp	V	46	13,943	11,852	
513	40 M	Little Rock	FCI 900, Inc.			18	6,638	6,638
513	40 N	Little Rock	FCI 900, Inc.			108	23,081	23,081
513	40 O	Little Rock	Majestic Communications, Inc.	S	30	17,800	16,020	
513	40 P	Little Rock	FCI 900, Inc.			83	19,083	19,083
513	40 Q	Little Rock	Geotek Communications, Inc.			6	11,500	11,500
354	40 R	Little Rock	Wilderness Communications, LLC.	V	8	14,140	12,019	
513	40 S	Little Rock	FCI 900, Inc.			19	16,108	16,108
513	40 T	Little Rock	Centennial Communications, Corp	V	140	18,508	14,033	
2,488	2 A	Los Angeles	Motorola SMR, INC.			21	550,000	550,000
3,408	2 B	Los Angeles	FCI 900, Inc.			31	1,000,000	1,000,000
2,301	2 C	Los Angeles	Paging Network of America, Inc.			63	1,280,000	1,280,000
3,824	2 D	Los Angeles	Motorola SMR, INC.			108	1,381,000	1,381,000
2,467	2 E	Los Angeles	Paging Network of America, Inc.			103	875,000	875,000
3,631	2 F	Los Angeles	Motorola SMR, INC.			81	1,850,000	1,850,000
1,528	2 G	Los Angeles	Paging Network of America, Inc.			42	1,080,000	1,080,000
159	2 H	Los Angeles	RAM Mobile Data USA Limited Partnership			20	58,686	58,686
2,408	2 I	Los Angeles	Motorola SMR, INC.			64	1,156,000	1,156,000
936	2 J	Los Angeles	CHM, Inc.	S	101	379,000	341,100	
1,433	2 K	Los Angeles	CHM, inc.	S	98	1,581,010	1,431,908	
285	2 L	Los Angeles	RAM Mobile Data USA Limited Partnership			18	28,000	28,000
2,310	2 M	Los Angeles	Southern California Edison Company			99	1,086,608	1,086,608
2,408	2 N	Los Angeles	Paging Network of America, Inc.			101	1,860,000	1,680,000
936	2 O	Los Angeles	FCI 900, Inc.			19	278,870	278,870
788	2 P	Los Angeles	Southern California Edison Company			99	553,538	553,538
2,308	2 Q	Los Angeles	FCI 900, Inc.			37	365,458	365,458
661	2 R	Los Angeles	RAM Mobile Data USA Limited Partnership			24	92,000	92,000
3,249	2 S	Los Angeles	FCI 900, Inc.			53	350,000	350,000
1,205	2 T	Los Angeles	Southern California Edison Company			97	549,543	549,543
989	28 A	Louisville	CLEVELAND MOBILE RADIO SALES, INC.	S	150	91,000	81,900	
989	28 B	Louisville	Paging Network of America, Inc.			108	80,000	80,000
989	28 C	Louisville	Geotek Communications, Inc.			152	92,000	92,000
989	28 D	Louisville	Fleet Talk, Inc.			137	88,000	88,000
989	28 E	Louisville	Paging Network of America, Inc.			148	88,000	88,000
480	28 F	Louisville	RAM Mobile Data USA Limited Partnership			104	38,000	38,000
989	28 G	Louisville	CLEVELAND MOBILE RADIO SALES, INC.	S	114	78,000	68,400	
989	28 H	Louisville	Geotek Communications, Inc.			102	64,000	64,000
989	28 I	Louisville	RAM Mobile Data USA Limited Partnership			136	82,000	82,000
989	28 J	Louisville	Geotek Communications, Inc.			142	88,000	88,000
989	28 K	Louisville	Advanced Communication Solutions, Inc.	S	155	88,500	77,860	
989	28 L	Louisville	Geotek Communications, Inc.			154	98,000	98,000
989	28 M	Louisville	Davis Electronics Company, Inc.	V	43	41,002	34,852	
989	28 N	Louisville	SGI Communications, Inc.	S	157	110,000	98,000	
989	28 O	Louisville	Davis Electronics Company, Inc.	V	112	58,078	48,358	
989	28 P	Louisville	FCI 900, Inc.			130	79,174	79,174
989	28 Q	Louisville	FCI 900, Inc.			130	84,188	84,188
989	28 R	Louisville	Centennial Communications, Corp	V	146	88,000	75,650	
989	28 S	Louisville	Centennial Communications, Corp	V	138	127,500	108,375	
989	28 T	Louisville	FCI 900, Inc.			143	79,071	79,071
989	28 A	Memphis	SGI Communications, Inc.	S	48	77,000	69,300	
989	28 B	Memphis	Paging Network of America, Inc.			45	88,000	88,000
989	28 C	Memphis	Geotek Communications, Inc.			43	78,438	78,438
989	28 D	Memphis	Fleet Talk, Inc.			47	85,000	85,000
989	28 E	Memphis	Paging Network of America, Inc.			58	108,000	108,000
426	28 F	Memphis	RAM Mobile Data USA Limited Partnership			1	1,000	1,000
823	28 G	Memphis	Geotek Communications, Inc.			1	4,000	4,000
536	28 H	Memphis	Geotek Communications, Inc.			15	6,000	6,000









## 900 MHz SMR - Winning Bids

SUs (k)	MTA	Block	Market Name	High Bidder	Small Bus		
					Pref	Round	High Bid (\$)
301	24 A	Seattle	Geotek Communications, Inc.			33	48,436
802	24 B	Seattle	Paging Network of America, Inc.			8	150,000
911	24 C	Seattle	FCI 900, Inc.			50	266,007
957	24 D	Seattle	Fleet Talk, Inc.			101	364,000
390	24 E	Seattle	Paging Network of America, Inc.			14	65,000
142	24 F	Seattle	RAM Mobile Data USA Limited Partnership			1	1,000
476	24 G	Seattle	Geotek Communications, Inc.			46	14,436
138	24 H	Seattle	RAM Mobile Data USA Limited Partnership			1	1,000
352	24 I	Seattle	FCI 900, Inc.			12	19,059
957	24 J	Seattle	Paging Network of America, Inc.			99	350,000
496	24 K	Seattle	FCI 900, Inc.			1	405
476	24 L	Seattle	Geotek Communications, Inc.			41	14,436
476	24 M	Seattle	FCI 900, Inc.		S	31	16,093
957	24 N	Seattle	SGI Communications, Inc.			111	400,000
752	24 O	Seattle	Motorola SMR, INC.			1	30,000
472	24 P	Seattle	Geotek Communications, Inc.			17	14,436
957	24 Q	Seattle	MOBEX 900, Inc.			110	405,000
260	24 R	Seattle	Geotek Communications, Inc.			1	4,000
762	24 S	Seattle	Motorola SMR, INC.			6	20,000
957	24 T	Seattle	Fleet Talk, Inc.			103	350,000
360	42 A	Spokane	Geotek Communications, Inc.			1	4,000
466	42 B	Spokane	Paging Network of America, Inc.			6	65,000
466	42 C	Spokane	MOBEX 900, Inc.			98	27,000
466	42 D	Spokane	Fleet Talk, Inc.			38	16,000
466	42 E	Spokane	Paging Network of America, Inc.			17	25,000
319	42 F	Spokane	RAM Mobile Data USA Limited Partnership			1	1,000
466	42 G	Spokane	Geotek Communications, Inc.			110	26,000
319	42 H	Spokane	RAM Mobile Data USA Limited Partnership			45	3,900
466	42 I	Spokane	Geotek Communications, Inc.			125	25,000
466	42 J	Spokane	WWC Holding Co., Inc.			120	26,001
466	42 K	Spokane	WWC Holding Co., Inc.			103	26,000
466	42 L	Spokane	WWC Holding Co., Inc.			108	26,000
466	42 M	Spokane	WWC Holding Co., Inc.			97	22,000
466	42 N	Spokane	FCI 900, Inc.			112	35,070
466	42 O	Spokane	WWC Holding Co., Inc.			96	15,000
466	42 P	Spokane	FCI 900, Inc.			83	15,074
466	42 Q	Spokane	FCI 900, Inc.			61	15,077
360	42 R	Spokane	Geotek Communications, Inc.			1	4,000
466	42 S	Spokane	FCI 900, Inc.		V	27	11,038
466	42 T	Spokane	William G. McCart		V	104	16,000
1,166	19 A	St. Louis	CELLULAR DESIGN CORP.			43	89,001
1,166	19 B	St. Louis	Paging Network of America, Inc.			9	75,000
1,164	19 C	St. Louis	RAM Mobile Data USA Limited Partnership			61	73,000
1,166	19 D	St. Louis	Fleet Talk, Inc.			35	63,000
1,166	19 E	St. Louis	Paging Network of America, Inc.			9	75,000
509	19 F	St. Louis	RAM Mobile Data USA Limited Partnership			1	1,000
1,166	19 G	St. Louis	Geotek Communications, Inc.			36	68,000
482	19 H	St. Louis	Geotek Communications, Inc.			15	8,000
1,166	19 I	St. Louis	Geotek Communications, Inc.			68	85,000
1,166	19 J	St. Louis	Centennial Communications, Corp.		V	77	88,342
1,164	19 K	St. Louis	Geotek Communications, Inc.			38	62,000
1,166	19 L	St. Louis	FCI 900, Inc.			58	70,301
1,166	19 M	St. Louis	Kathleen L. Janesen			64	91,000
1,166	19 N	St. Louis	FCI 900, Inc.			78	91,273
1,166	19 O	St. Louis	Centennial Communications, Corp.		V	73	81,208
1,166	19 P	St. Louis	FCI 900, Inc.			72	88,370
1,166	19 Q	St. Louis	SGI Communications, Inc.		S	77	89,000
1,166	19 R	St. Louis	Centennial Communications, Corp.		V	77	88,342
1,144	19 S	St. Louis	FCI 900, Inc.			8	47,583
1,166	19 T	St. Louis	Kathleen L. Janesen			64	87,000
265	13 A	Tampa	Geotek Communications, Inc.			104	82,000
667	13 B	Tampa	Motorola SMR, INC.			71	900,000
560	13 C	Tampa	Paging Network of America, Inc.			104	1,040,000
528	13 D	Tampa	Fleet Talk, Inc.			93	1,418,000
530	13 E	Tampa	Paging Network of America, Inc.			80	1,020,000
562	13 F	Tampa	Motorola SMR, INC.			98	307,000
624	13 G	Tampa	RAM Mobile Data USA Limited Partnership			104	119,000
523	13 H	Tampa	Geotek Communications, Inc.			57	37,000
938	13 I	Tampa	Paging Network of America, Inc.			72	1,075,000
821	13 J	Tampa	FCI 900, Inc.			58	200,880
741	13 K	Tampa	CELSMER		V	108	902,000
708	13 L	Tampa	CELSMER		V	114	425,000
725	13 M	Tampa	Geotek Communications, Inc.			108	101,000
1,078	13 N	Tampa	SGI Communications, Inc.		S	77	1,485,000
122	13 O	Tampa	RAM Mobile Data USA Limited Partnership			68	11,000
785	13 P	Tampa	SGI Communications, Inc.		S	126	1,100,000
562	13 Q	Tampa	Geotek Communications, Inc.			108	985,000
558	13 R	Tampa	Paging Network of America, Inc.			103	881,000
562	13 S	Tampa	CELSMER		V	112	550,000
1,354	13 T	Tampa	Geotek Communications, Inc.			79	494,000
274	48 A	Tulsa	Geotek Communications, Inc.			114	22,000
274	48 B	Tulsa	Paging Network of America, Inc.			44	23,000
274	48 C	Tulsa	Geotek Communications, Inc.			113	24,000
274	48 D	Tulsa	Fleet Talk, Inc.			117	28,000
274	48 E	Tulsa	Paging Network of America, Inc.			44	23,000
72	48 F	Tulsa	RAM Mobile Data USA Limited Partnership			123	5,200
274	48 G	Tulsa	A&B Electronics, Inc.			98	26,698
274	48 H	Tulsa	A&B Electronics, Inc.			118	26,616

## 900 MHz SMR - Winning Bids

SUs (k)	MTA	Block	Market Name	High Bidder	Small Bus.			
					Pref.	Round	High Bid (\$)	Net Bid (\$)
274	48 I	Tulsa	Gecosk Communications, Inc.			116	25,000	25,000
274	48 J	Tulsa	A&B Electronics, Inc.			102	24,402	24,402
274	48 K	Tulsa	FCI 900, Inc.			116	29,056	29,056
274	48 L	Tulsa	Gecosk Communications, Inc.			117	29,000	29,000
274	48 M	Tulsa	A&B Electronics, Inc.			108	28,808	28,808
274	48 N	Tulsa	Centennial Communications, Corp		V	115	25,501	21,676
274	48 O	Tulsa	FCI 900, Inc.			112	29,058	29,058
274	48 P	Tulsa	A&B Electronics, Inc.			117	24,717	24,717
274	48 Q	Tulsa	FCI 900, Inc.			115	24,060	24,060
274	48 R	Tulsa	Centennial Communications, Corp		V	103	21,500	18,283
274	48 S	Tulsa	FCI 900, Inc.			81	18,082	18,082
274	48 T	Tulsa	FCI 900, Inc.			94	20,054	20,054
937	10 A	Washington	Gecosk Communications, Inc.			28	97,436	97,436
1,053	10 B	Washington	Paging Network of America, Inc.			47	694,000	694,000
699	10 C	Washington	Paging Network of America, Inc.			48	200,000	200,000
191	10 D	Washington	Fleet Talk, Inc.			53	48,000	48,000
951	10 E	Washington	Paging Network of America, Inc.			7	180,000	180,000
228	10 F	Washington	RAM Mobile Data USA Limited Partnership			131	10,000	10,000
598	10 G	Washington	Fleet Talk, Inc.			55	215,000	215,000
192	10 H	Washington	Gecosk Communications, Inc.			3	40,000	40,000
780	10 I	Washington	Mobilecall, Inc.		V	58	169,000	169,000
1,053	10 J	Washington	Motorola SMR, INC.			52	131,000	131,000
1,634	10 K	Washington	Gecosk Communications, Inc.			44	193,000	193,000
832	10 L	Washington	Gecosk Communications, Inc.			3	40,000	40,000
1,021	10 M	Washington	Motorola SMR, INC.			53	128,000	128,000
201	10 N	Washington	Gecosk Communications, Inc.			3	40,000	40,000
195	10 O	Washington	RAM Mobile Data USA Limited Partnership			1	1,000	1,000
1,021	10 P	Washington	Paging Network of America, Inc.			7	240,000	240,000
1,654	10 Q	Washington	FCI 900, Inc.			58	194,834	194,834
948	10 R	Washington	FCI 900, Inc.			43	169,582	169,582
438	10 S	Washington	C&E, INC/2282 PARTNERSHIP JOINT VENTURE		V	51	132,101	112,286
674	10 T	Washington	Gecosk Communications, Inc.			18	68,438	68,438
281	48 A	Wichita	Motorola SMR, INC.			130	18,000	18,000
281	48 B	Wichita	Paging Network of America, Inc.			42	15,000	15,000
281	48 C	Wichita	WWC Holding Co. Inc.			3	6,000	6,000
281	48 D	Wichita	Fleet Talk, Inc.			36	8,400	8,400
281	48 E	Wichita	Paging Network of America, Inc.			42	15,000	15,000
158	48 F	Wichita	RAM Mobile Data USA Limited Partnership			125	7,400	7,400
281	48 G	Wichita	WWC Holding Co. Inc.			35	5,801	5,801
281	48 H	Wichita	WWC Holding Co. Inc.			38	3,801	3,801
281	48 I	Wichita	WWC Holding Co. Inc.			2	5,800	5,800
281	48 J	Wichita	WWC Holding Co. Inc.			127	15,000	15,000
281	48 K	Wichita	WWC Holding Co. Inc.			128	8,800	8,800
281	48 L	Wichita	WWC Holding Co. Inc.			84	3,800	3,800
281	48 M	Wichita	ComTech Communications, Inc.			108	14,000	14,000
281	48 N	Wichita	FCI 900, Inc.			81	9,448	9,448
281	48 O	Wichita	CamTek Towers LLC.		V	3	5,700	4,845
281	48 P	Wichita	FCI 900, Inc.			85	6,623	6,623
281	48 Q	Wichita	FCI 900, Inc.			90	5,617	5,617
281	48 R	Wichita	FCI 900, Inc.			94	6,618	6,618
281	48 S	Wichita	FCI 900, Inc.			93	8,441	8,441
281	48 T	Wichita	ComTech Communications, Inc.			10	6,000	6,000

**FCC Specialized Mobile Radio Auction**  
**Withdrawal/Payment Report**  
**Auction ID: 7**

Date of Report: 4/15/96 13:12 Eastern Time

Attachment B



FCC Specialized Mobile Radio Auction  
 Withdrawal/Payment Report  
 Auction ID: 7

Company/Applicant Name	Mkt	Blk	License Desc	Withdrawn Bid Amt	Withdrawn Bid Net Amt	High Bid Amt	High Bid Net Amt	Withdrawal Payment
1 ATLANTA TRUNKING ASSOCIATES, INC.	M011	P	Atlanta	\$125,025,000	\$106,271,250	\$531,000	\$531,000	\$105,740,250
2 Centennial Communications, Corp	M012	J	Minneapolis-St Paul	\$56,157	\$47,733	\$109,000	\$109,000	\$0
3 Centennial Communications, Corp	M019	C	St.Louis	\$30,623	\$26,030	\$73,000	\$73,000	\$0
4 Centennial Communications, Corp	M019	D	St.Louis	\$30,623	\$26,030	\$63,000	\$63,000	\$0
5 Centennial Communications, Corp	M023	H	Richmond-Norfolk	\$23,694	\$20,140	\$59,000	\$59,000	\$0
6 Geotek Communications, Inc.	M036	G	Salt Lake City	\$146,000	\$140,000	\$119,000	\$119,000	\$6,000
7 Geotek Communications, Inc.	M034	K	Kansas City	\$125,000	\$117,000	\$99,450	\$99,450	\$8,000
8 Geotek Communications, Inc.	M017	T	New Orleans-Baton R	\$98,000	\$89,000	\$89,000	\$89,000	\$9,000
9 Industrial Communications & Electronics, Inc.	M013	L	Tampa-St. Petersburg	\$305,123	\$274,611	\$425,000	\$425,000	\$0
10 Industrial Communications & Electronics, Inc.	M017	T	New Orleans-Baton R	\$89,000	\$80,100	\$89,000	\$89,000	\$0
11 Industrial Communications & Electronics, Inc.	M017	T	New Orleans-Baton R	\$89,000	\$80,100	\$89,000	\$89,000	\$0
12 Industrial Communications & Electronics, Inc.	M017	T	New Orleans-Baton R	\$89,000	\$80,100	\$89,000	\$89,000	\$0
13 Industrial Communications & Electronics, Inc.	M022	M	Denver	\$323,000	\$290,700	\$323,000	\$290,700	\$0
14 Industrial Communications & Electronics, Inc.	M022	M	Denver	\$308,000	\$277,200	\$323,000	\$290,700	\$0
15 Industrial Communications & Electronics, Inc.	M046	K	Wichita	\$75	\$68	\$8,800	\$8,800	\$0
16 Industrial Communications & Electronics, Inc.	M046	K	Wichita	\$75	\$68	\$8,800	\$8,800	\$0
17 Kathleen L. Janssen	M047	A	Honolulu	\$15,000	\$15,000	\$34,000	\$34,000	\$0
18 Midwest PCS Inc.	M046	K	Wichita	\$3,000	\$2,550	\$8,800	\$8,800	\$0
19 Morris Communications, Inc.	M043	C	Nashville	\$22,000	\$19,800	\$26,000	\$23,400	\$0
20 Morris Communications, Inc.	M043	G	Nashville	\$18,500	\$16,650	\$18,000	\$18,000	\$0
21 Morris Communications, Inc.	M043	G	Nashville	\$17,000	\$15,300	\$18,000	\$18,000	\$0
22 Morris Communications, Inc.	M043	H	Nashville	\$7,000	\$6,300	\$13,000	\$11,700	\$0
23 Morris Communications, Inc.	M043	M	Nashville	\$18,500	\$16,650	\$19,000	\$17,100	\$0

**FCC Specialized Mobile Radio Auction  
Withdrawal/Payment Report  
Auction ID: 7**

Date of Report: 4/15/96 13:12 Eastern Time



Company/Applicant Name	Mkt	BLK	License Desc	Withdrawn Bid Amt	Withdrawn Bid Net Amt	High Bid Amt	High Bid Net Amt	Withdrawal Payment
24 Morris Communications, Inc.	M043	M	Nashville	\$17,000	\$15,300	\$19,000	\$17,100	\$0
25 Morris Communications, Inc.	M044	F	Knoxville	\$14,000	\$12,600	\$14,000	\$14,000	\$0
26 Morris Communications, Inc.	M044	F	Knoxville	\$13,000	\$11,700	\$14,000	\$14,000	\$0
27 Morris Communications, Inc.	M044	G	Knoxville	\$16,500	\$14,850	\$17,000	\$17,000	\$0
28 Morris Communications, Inc.	M044	J	Knoxville	\$14,000	\$12,600	\$40,132	\$40,132	\$0
29 Morris Communications, Inc.	M043	O	Nashville	\$18,500	\$16,850	\$17,000	\$15,300	\$1,350
30 Motorola SMR, INC.	M023	S	Richmond-Norfolk	\$82,000	\$82,000	\$150,315	\$150,315	\$0
31 Motorola SMR, INC.	M034	A	Kansas City	\$50,000	\$50,000	\$145,000	\$123,250	\$0
32 Nelson Repeater Service, Inc.	M027	T	Phoenix	\$66,003	\$58,103	\$170,000	\$170,000	\$0
33 Nelson Repeater Service, Inc.	M046	Q	Wichita	\$2,833	\$2,408	\$5,617	\$5,617	\$0
34 PCS NATIONAL WIRELESS, INC.	M047	F	Honolulu	\$3,200	\$3,200	\$5,300	\$5,300	\$0
35 PCS NATIONAL WIRELESS, INC.	M047	H	Honolulu	\$3,500	\$3,500	\$5,300	\$5,300	\$0
36 Paging Network of America, Inc.	M002	D	Los Angeles-San Dieg	\$985,000	\$995,000	\$1,381,000	\$1,381,000	\$0
37 Paging Network of America, Inc.	M024	C	Seattle	\$85,000	\$85,000	\$266,007	\$266,007	\$0
38 Paging Network of America, Inc.	M031	H	Indianapolis	\$11,007	\$11,007	\$17,436	\$17,436	\$0
39 Paging Network of America, Inc.	M043	Q	Nashville	\$14,000	\$14,000	\$12,000	\$10,800	\$2,000
40 Paging Network of America, Inc.	M017	H	New Orleans-Baton R	\$11,007	\$11,007	\$8,000	\$6,000	\$5,007
41 Paging Network of America, Inc.	M018	H	Cincinnati-Dayton	\$11,007	\$11,007	\$8,000	\$6,000	\$5,007
42 Paging Network of America, Inc.	M019	H	St. Louis	\$11,007	\$11,007	\$6,000	\$6,000	\$5,007
43 Paging Network of America, Inc.	M028	H	Memphis-Jackson	\$11,007	\$11,007	\$6,000	\$6,000	\$5,007
44 Paging Network of America, Inc.	M034	H	Kansas City	\$11,007	\$11,007	\$6,000	\$6,000	\$5,007
45 Paging Network of America, Inc.	M035	H	Buffalo-Rochester	\$11,007	\$11,007	\$6,000	\$6,000	\$5,007
46 Paging Network of America, Inc.	M004	Q	San Francisco-Oaklan	\$325,003	\$325,003	\$291,595	\$291,595	\$33,408

**FCC Specialized Mobile Radio Auction  
Withdrawal/Payment Report  
Auction ID: 7**

Date of Report: 4/15/96 13:12 Eastern Time



Company/Applicant Name	Mkt	Blk	License Desc	Withdrawn Bid Amt	Withdrawn Bid Net Amt	High Bid Amt	High Bid Net Amt	Withdrawal Payment
47 RAM Mobile Data USA Limited Partnership	M012	R	Minneapolis-St Paul	\$23,000	\$23,000	\$40,000	\$40,000	\$0
48 RAM Mobile Data USA Limited Partnership	M051	Q	American Samoa	\$100	\$100	\$701	\$701	\$0
49 RAM Mobile Data USA Limited Partnership	M051	R	American Samoa	\$100	\$100	\$701	\$701	\$0
50 RAM Mobile Data USA Limited Partnership	M051	S	American Samoa	\$100	\$100	\$701	\$701	\$0
51 Rapid Wireless, Ltd.	M015	L	Miami-Fort Lauderdale	\$2,629,890	\$2,235,407	\$805,000	\$684,250	\$1,551,157
52 Russell T. Smith d/b/a Ohio Com-Systems	M038	R	Columbus	\$29,000	\$24,650	\$187,000	\$168,300	\$0
53 SGI Communications, Inc.	M003	S	Chicago	\$188,000	\$169,200	\$201,000	\$201,000	\$0
54 SGI Communications, Inc.	M005	R	Detroit	\$51,500	\$46,350	\$164,000	\$164,000	\$0
55 SGI Communications, Inc.	M005	S	Detroit	\$51,500	\$46,350	\$186,000	\$186,000	\$0
56 SGI Communications, Inc.	M013	Q	Tampa-St. Petersburg	\$1,016,000	\$914,400	\$965,000	\$965,000	\$0
57 SGI Communications, Inc.	M040	P	Little Rock	\$11,111	\$10,000	\$19,093	\$19,093	\$0
58 SGI Communications, Inc.	M020	S	Milwaukee	\$70,500	\$63,450	\$60,000	\$60,000	\$3,450
59 SGI Communications, Inc.	M035	O	Buffalo-Rochester	\$15,151	\$13,636	\$6,900	\$5,865	\$7,771
60 T & T Leasing	M017	S	New Orleans-Baton R	\$120,000	\$108,000	\$312,000	\$312,000	\$0
61 Western NY SMR Net, L.L.C. - (to be formed M035	S	Buffalo-Rochester	\$14,000	\$11,900	\$14,000	\$11,900	\$0	
62 Western NY SMR Net, L.L.C. - (to be formed M035	S	Buffalo-Rochester	\$7,000	\$5,950	\$14,000	\$11,900	\$0	
63 Western NY SMR Net, L.L.C. - (to be formed M035	S	Buffalo-Rochester	\$14,000	\$11,900	\$14,000	\$11,900	\$0	
64 Wilderness Communications, L.L.C.	M002	L	Los Angeles-San Dieg	\$67,010	\$56,959	\$26,000	\$26,000	\$30,959
								<u>\$107,423,387</u>

**ATTACHMENT C**  
**Instructions for Manually Filing the FCC Form 600**

Hard copies of the FCC Form 600 can be obtained by calling the Commission's Forms Distribution Center at 1-800-418-3676 (FORM) (outside Washington, D.C.) or (202) 418-3676 (FORM) (inside Washington, D.C.). Copies of the FCC Form 600 can also be obtained via the Internet and by Fax-On-Demand. *See Public Notice, "Federal Communications Commission Announces Public Availability of Form 600," Dec. 16, 1994* (for detailed instructions on how to obtain the FCC Form 600 via the Internet and Fax-On-Demand). If applicants have any questions concerning availability of the FCC Form 600, call the FCC Records Management Branch at 202-418-0210. Applicants must complete the FCC Form 600 Main Form, Schedule D to the form, attach any exhibits, and mail or deliver the original application to:

Federal Communications Commission  
1270 Fairfield Road  
Gettysburg, PA 17325.  
Attention: 900 MHz SMR Auction Processing

Applicants bear full responsibility for submission of timely and complete long-form applications. Applicants should read the instructions on the FCC Form 600 carefully and should consult the rules to ensure that all the information that is required under our regulations is included with their FCC Form 600. Each applicant is responsible for the continuing accuracy and completeness of information furnished in a pending application. *See 47 C.F.R. § 1.65.*

April 15, 1996

ATTACHMENT D  
ELECTRONIC FILING OF FCC APPLICATIONS

The Commission recently implemented a remote access system which will allow applicants to submit their FCC applications electronically. FCC applications that are filed electronically using this remote access system must be submitted and confirmed by April 29, 1996. An FCC application may be submitted only once; no changes will be permitted after the submission of an FCC application. More detailed filing instructions will be provided in the Help facility and in the Readme.txt file associated with the FCC Electronic Filing/Application Review Software.

Parties interested in viewing or printing other applicants' FCC applications are able to do so subject to a 900 number telephone service at a cost of \$2.30 per minute. Applicants interested in electronically submitting an FCC application are able to do so via a non-toll service or the 900 service.

Those applicants who wish to file their FCC application electronically or view other FCC applications on-line will need the following hardware and software:

**Hardware Requirements:**

- o CPU: Intel 80386 or above (80486 or faster recommended)
- o RAM: 8MB RAM (more recommended if you intend to open multiple applications)
- o Hard Disk: 18MB available disk space
- o 1.44MB 3.5" Floppy Drive (to install the remote system)
- o Five blank MS-DOS formatted 3.5" 1.44MB floppy disks
- o Modem: v.32bis 14.4kbps Hayes compatible modem
- o Monitor: VGA or above
- o Mouse or other pointing device

**Software Requirements:**

- o FCC Electronic Filing/Application Review Software (will be available through the Internet and the FCC Bulletin Board System)
- o Microsoft Windows 3.1 or Microsoft Windows for WorkGroups v3.11 in an enhanced mode

Note: The FCC Electronic Filing/Application Review Software has not been completely tested in a Macintosh, OS/2, or Windows95 environment. Therefore, the FCC will not support operating systems other than Microsoft Windows 3.1 or Microsoft Windows for Workgroups v3.11 in an enhanced mode. This includes any other emulated Windows environment. If your Windows is in a networked environment, you should check with your local network administrator for any

potential conflicts with the PPP (Point-to-Point Protocol) Dialer that is incorporated into the Electronic Filing/Application Review Software. This usually includes any TCP/IP installed network protocol.

The PPP Dialer that is incorporated into the FCC Electronic Filing/Application Review Software will establish a point-to-point connection from your PC to the FCC Network. THIS POINT-TO-POINT CONNECTION IS NOT ROUTED THROUGH THE INTERNET.

Applicants who wish to file their FCC applications electronically or who wish to view other applicants' applications must first download the software from either the Internet or the FCC Bulletin Board System (File Name: ELECV1.EXE).

#### Internet Access:

In order to download the compressed file from the Internet, you will need to have access to the Internet and an ftp client software as follows:

- o FTP: The following instructions are for the command line version of ftp.
  1. Connect to the FCC ftp server by typing `ftp ftp.fcc.gov`
  2. At the user name prompt, type `anonymous` [Enter]
  3. At the password prompt, type your Internet e-mail address [Enter]
  4. To allow the file to be downloaded type: `binary` [Enter]
  5. Change your current directory to the Programs directory by typing:  
`cd /pub/Auctions/SMR/900/Programs` [Enter]
  6. Use the get command to download files from the FCC ftp server by typing:  
`get elecv1.exe` [Enter]
  7. If you wish to exit, type:  
`bye` [Enter]
- o Gopher: `gopher.ftp.fcc.gov` or use any gopher to get to "all the gophers in the world" then 'U.S.' then 'DC' then 'FCC'.
- o World Wide Web: `ftp://ftp.fcc.gov`

#### Dial-In Access to the FCC Auction Bulletin Board System (BBS):

The FCC Auction Bulletin Board System provides dial-in access for the FCC-provided software. In order to access the FCC Auction BBS, use a communications package that can handle at least xmodem protocol (e.g., pcAnyWhere, Telix, Procomm) to dial in to (202) 682-5851. Use the settings of 8 data bits, no parity and 1 stop bit (8,N,1).

- o For new users follow steps 1-6, otherwise go to step 7 in the ANSI Protocol Instructions section or the Non-ANSI Protocol Instructions section (whichever is applicable):
  1. Type New and press [Enter]. If the word ANSI is blinking, type Y for yes. If the word ANSI is not blinking, type N for No
  2. Type in your first and last name and press [Enter]. This will be your login name
  3. Type in your Telephone number and press [Enter]
  4. Type in your Fax number and press [Enter]
  5. Type in what you want your password to be and press [Enter]
  6. Retype the password for verification and press [Enter]
- o ANSI Protocol Instructions (once the account is generated):
  7. Type S for SMR Auction Files and press [Enter]
  8. Type B for SMR 900 MHz Auction and press [Enter]
  9. Type P for SMR 900 Auction Programs and press [Enter]
  10. Type C for Current Library and press [Enter]
  11. Move the cursor to the file named ELECV1.EXE and type [Control]-D (hold the Ctrl key down and press the D key) for Download and press [Enter]
  12. Type the letter representing the transfer protocol desired and press [Enter]. How the file is downloaded and where it gets downloaded depends on the transfer protocol package used.
  13. The FCC Auction BBS will begin transferring the file. You may need to give your terminal emulation software a command to receive the file; please consult your terminal emulation software manual for instructions concerning how to do so.
  14. Type X to return to the Programs menu, then type X again. Type X to Exit and

press [Enter] and continue to do so until asked if you want to Exit the BBS.  
Press Y for Yes when asked to that you want to exit.

- o Non-ANSI Protocol Instructions (once the account is generated):
  7. Type S for SMR Auction Files and press [Enter]
  8. Type B for SMR 900 MHZ Auction and press [Enter]
  9. Type P for SMR 900 Auction Programs and press [Enter]
  10. Type C for Current Library and press [Enter]
  11. Type the letter next to the file named ELECV1.EXE and press [Enter]
  12. Type D for Download now and press [Enter]
  13. Type the letter representing the transfer protocol desired and press [Enter]. How the file is downloaded and where it gets downloaded depends on the transfer protocol package used.
  14. The FCC Auction BBS will begin transferring the file. You may need to give your terminal emulation software a command to receive the file; please consult your terminal emulation software manual for instructions concerning how to do so.
  15. Type X, then type X to Exit and press [Enter] and continue to do so until asked if you want to Exit the BBS. Press Y for Yes when asked to verify that you want to exit.

#### Creating Installation Disks from the Downloaded File

The Electronic Filing/Application Review Software available through the Internet and the FCC Auction BBS will be in a self-extracting compressed file format. Once the compressed file has been downloaded, you will need to generate the installation disks. You will need to have five (5) blank MS-DOS formatted 3.5" 1.44MB disks. To generate the installation disks, go to the MS-DOS prompt, switch to the directory where you downloaded the compressed file, type ELECV1.EXE /! and press [Enter].

#### Installing the Electronic Filing/Application Review Software

To properly install the software, ALL components must be installed. After you create the installation disks, restart Windows, place Disk 1 in the floppy drive, run SETUP.EXE from

installation Disk 1 and follow the instructions on the screen. Enter the destination directory (you may want to use a directory that does not currently exist). Press the Install button and, if using a directory that does not exist, click on 'Yes' when the message box appears asking whether to create the directory. Respond 'Yes' to all message boxes that ask whether to overwrite an existing file. YOU MUST UPDATE ALL THE EXISTING FILES. If you should receive a message stating the commdlg.dll file or the ddeml.dll file is being used by Windows, press the Ignore button.

For technical assistance in downloading, extracting or installing the Electronic Filing/Application Review Software contact the FCC Technical Support Hotline at (202) 414-1250. The FCC Technical Support Hotline will be generally available Monday through Friday, from 9 a.m. to 6 p.m. ET.

### **Running the Electronic Filing/Application Review Software**

When the installation process is complete, you will have a new Program Manager group called FCC Electronic Filing/Application Review with five icons: Configure PPP, Electronic Filing, Application Review, Suggestion Box, and Software Readme File.

The PPP Dialer will attempt to establish a PPP connection to the FCC Network when you start the Electronic Filing system and when you submit an electronic application to the FCC. It will also attempt to establish a PPP connection to the FCC Network when you start the Application Review or Suggestion Box systems.

You must verify/modify the parameters in the Configure PPP program prior to establishing a PPP connection. See the "Configure PPP" section (below) for further information concerning the connection parameters.

For technical assistance in installing or using the software, contact the FCC Technical Support Hotline at (202) 414-1250. The FCC Technical Support Hotline will be available Monday through Friday, from 9 a.m. to 6 p.m. ET.

### **Configure PPP**

After installing the software, check your windows directory to ensure that the winsock.dll file is NOT there. If the winsock.dll file exists, we recommend that you rename it to winsock.oem. If you need to use previously installed PPP connection software, simply rename the winsock.oem back to winsock.dll.

Make sure that no other PPP package is in your 'Path'. This can be checked by going to the DOS prompt and typing "path". If any directory containing a PPP package does appear in the

path, edit the autoexec.bat file to remove the reference to that directory, save, and reboot the computer. If you later need to use that PPP package, reinsert the reference to its directory, save and reboot.

Before establishing a PPP connection, you must first run the Configure PPP program, adjust the appropriate configuration settings and click on the OK button. Even if you make no settings modifications, you MUST at least start Configure PPP and click on OK.

To start the Configure PPP program, double-click on the icon labeled "Configure PPP". The communications setup window will appear.

Under the box labeled "Modem", select the com port to which your modem is connected.

Under the box labeled "Speed", select the maximum DTE rate of your modem; for 14.4kbps and 28.8kbps modems, select a speed of 38400.

In most cases, carrier detect should not be checked and flow control should be checked. If you experience problems getting the modem to respond, experimenting with these settings may help.

The DNS should be set to 165.135.22.249

The remainder of the screen has default values which should provide you with the optimal performance available.

Click on the Script button to bring up the Script Setup screen. This screen provides you with the ability to give specific commands to the modem.

Click on the box labeled "Selected Modem" and choose the entry from the list which most closely matches the modem installed on your PC.

It may be necessary to change the command in the box labeled "Modem Dial Prefix" to accommodate how you make calls.

For example:

local 202 area code, no dialing prefix used: ATDT

local 202 area code, dialing prefix of 9 used: ATDT9

long distance or 900 service, no dialing prefix used: ATDT1

long distance or 900 service, dialing prefix of 9 used: ATDT91

turn off call waiting, long distance or 900 service, no dialing prefix used: ATDT\*70,1

The default settings provided in Configure PPP should be compatible with most systems. If you experience problems connecting, refer to the Troubleshooting section for possible solutions.

When you have finished using the Configure PPP program, click on the OK button. The first

time you do this, you will receive a message stating "Windows will now restart so your changes will take effect." Press the OK button and restart Windows. After Windows restarts, you may start the Electronic Filing system, the Application Review system, or the Suggestion Box system.

### Connecting to the FCC Network

A charge of \$2.30 per minute will be applied to a user's telephone bill when connecting to the FCC Network via the 900 (toll call) service. The PPP Dialer will connect to the FCC Network via the 900 service when you use the Application Review and Suggestion Box systems. However, the PPP Dialer may connect to the FCC Network via the local 202 or a non-toll 900 service when you use the Electronic Filing system.

If your telephone system blocks access to 900 numbers, you will be unable to properly connect to the FCC Network. Please see your telephone administrator for assistance.

The PPP Dialer will attempt to establish a PPP connection to the FCC Network when you start the Electronic Filing system and when you submit an application to the FCC. When you start the Electronic Filing system, a screen will appear offering three dial options: Local 202 Area Code, Regular Long-Distance, and Toll call (900 service). If you choose the 900 service, be sure to add a 1 to the "Modem Prefix" box in Configure PPP before establishing a toll connection. Click on the appropriate dial option, then click on OK to proceed or Cancel to terminate the call.

The PPP Dialer will also attempt to establish a PPP connection to the FCC Network when you start the Application Review or Suggestion Box systems. It will automatically attempt to connect to the FCC Network via the 900 service. Be sure to add a 1 to the "Modem Prefix" box in Configure PPP before establishing a toll connection. A screen will appear warning you that you are about to make a 900 toll data connection. Click on OK to proceed or Cancel to terminate the call.

Whenever the PPP Dialer establishes a connection, you will gain access to the PPP Dial Up screen. You may switch to the PPP Dial Up screen by pressing [Ctrl]-ESC and double-clicking on PPP Dial Up in the Task List. The screen will display the current status of the PPP connection.

To refresh the status of the PPP connection, select the Dial | Refresh Status menu option.

Select the Window | Minimize menu option to minimize the PPP Dial Up screen.

If you would like to test the status of the PPP connection, select the Dial | Test Connection menu option. This option allows you to ping the FCC Network. The ping process sends a signal(s) to the FCC Network; if the signal(s) return, then you have established a good connection.

The Hostname box will display 165.135.22.249

Under the Number menu option, choose the number of pings you wish to send (one, continuous, or a user-specified number). Under the Specifications menu option, you can customize the type of request (e.g., icmp echo request), the interval between pings, and the timeout setting; the default settings should suffice. If you change any of the settings and would like to save them, select the File | Save Settings menu option.

Press the Start button. The status and packets boxes will display information concerning whether the ping(s) was returned. Press the Stop button, if necessary, to end the ping process. Click on the Exit button to exit the Ping program.

The PPP Dialer will automatically disconnect when all the FCC systems (e.g., the Electronic Filing system, the Application Review system, and the Suggestion Box system) are closed. It will also automatically disconnect after the FCC Application submission process is complete.

## Troubleshooting

Below are problems you may encounter and possible solutions for resolving/isolating these problems.

### \*Modem does not respond

- Check COM port setting
- Check your modem for IRQ conflicts
- Check the physical connections
- Change Carrier Detect
- Change Flow Control

### \*Modem connects but does not return an IP address

- Verify the DNS is set to 165.135.22.249
- Verify the MRU and MTU are set to 1500
- Turn off VJ Compression
- Change timeout to 15 (this is found on the Script Setup screen in Configure PPP)
- Check your modem IRQ for conflicts
- Unload network drivers

### \*SQLSERVER errors

- Turn off VJ Compression
- Unload network drivers
- Test the PPP connection with the Ping program

DETAILED INSTRUCTIONS FOR USING ALL FCC REMOTE ELECTRONIC SOFTWARE CAN BE FOUND IN THE README FILE ASSOCIATED WITH THE ELECTRONIC SOFTWARE AS WELL AS IN THE CONTEXT SENSITIVE HELP FUNCTION ASSOCIATED WITH EACH SOFTWARE SYSTEM.

\*\* The Commission released today an updated version of the electronic filing software. This software enables winning bidders who have won multiple licenses to copy their application to submit multiple applications. The new version of the software is called ELECV2.EXE and can be found in the same directory as the original software. Please note that the original version of the software will still operate. However, it does not contain the copy feature.